



NITFS Compliance Registration



Product: VITEC PC, Version 4.1.1, Build May 2, 2003
With NTM module U2.4 and RULER, Version 12.0
Sponsor: BAE Systems
Developer: BAE Systems

Date: 11 January
Expiration: 2006
Registration #: 10 January
2007
2042

☐ Initial Registration
☒ Supplemental/Update # 2019
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Format

- NITF**
☒ v2.1
☒ v2.0
☒ v1.1
NSIF
☒ v1.0

Pixel Value Types

- ☒ Boolean
☒ Integer
☒ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☒ Bit Mapped **
☒ COM, 2301
☒ COM, 2301A
☒ Labels **

Text Segments

- ☒ TA
☒ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☒ RGB/LUT
☒ YCbCr
☒ MULTI
☐ NO DISPLY
☐ POLAR

Image Compression

- ☒ Not Compressed
☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☒ JPEG Downsample
☒ JPEG Lossless
☐ JPEG 2000
☒ 8-Level
☒ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☒ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☒ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ IAE
☒ SDE
☒ CHIPB
☒ OMAPA
☒ BLOCA
☒ RPC00B
☒ USE00A
☒ STDIDC

☒ Fully implemented
☐ Partially implemented
☐ Not implemented

Configurations Tested:

- PENTIUM
Operating Systems: MS Windows NT w/ SP 6A and XP
with RULER version 12.0 and NTM Module U2.4
software plug-ins for National Technical Means capability

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to the National Geospatial-Intelligence
Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.